#6B/65-01
V Jones

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)
)
 Jerrold V. Hauck, et al.)
) Examiner: Joseph D. Torres
Serial No.: 09/059,533)
)
Filed: April 13, 1998) Art Group: 2133
)
For: EARLY ACKNOWLEDGMENT OF)
 PRIMARY PACKETS)
)

Box Non-Fee Amendment
Assistant Commissioner for Patents
Washington, D.C. 20231

AMENDMENT AND RESPONSE TO OFFICE ACTION

In response to the Notice mailed March 14, 2001, Applicants submit the following

amendments and respectfully request entry of the amendments and consideration of the remarks

which follow.

IN THE SPECIFICATION

Please substitute the following for the paragraph beginning on page 1, line 16:

In 1394 systems a plurality of nodes are organized into a tree topology. Additionally, all

nodes are initially deemed peer to peer but on bus reset, one node assumes root status while the

remaining nodes become branches and leaves of the topology. Both 1394-1995 and 1394a are

half-duplex protocols. Thus, data may only flow in one direction at any given time. Typically a

primary packet is sent by a source node out all ports. A downstream destination node identifies

from a header of the packet that the packet is directed to it. The recipient then receives the packet,

and after the entire primary packet is received and the acknowledge gap permits reversing the bus,

an acknowledgment (ACK) packet is sent to the source. If the packet is not completely received,

the destination node still waits until the transmission and ACK gap are complete before sending an